

What is claimed is:

1. A method of inhibiting angiogenesis in an animal suffering from an angiogenic disease, said method comprising administering to said animal 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one or an analog thereof.
2. The method of claim 1, wherein the 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one or analog thereof is administered in an amount of about 0.2 μ g to about 200g.
3. The method of claim 1, wherein the analog comprises a methyl, acetyl, amino, or hydroxyl group at a position which is unsubstituted in 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one or in place of one or more of the methyl, acetyl, amino, or hydroxyl groups of 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one.
4. The method of claim 1, wherein the animal is a human.
5. The method of claim 3, wherein the inhibition of angiogenesis is by reduction of endothelial cell growth.
6. The method of claim 3, wherein the inhibition of angiogenesis is by inhibition of endothelial cell division.
7. The method of claim 3, wherein the inhibition of angiogenesis is by prevention of tube/cord-like structure formation.

8. The method of claim 3, wherein the inhibition of angiogenesis is by degradation of newly formed capillaries.
9. The method of claim 3, wherein said angiogenic disease is cancer.
10. The method of claim 3, wherein said angiogenic disease is arthritis
11. A method of treating cancer in an animal, said method comprising administering to said animal an analog of 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one.
12. The method of claim 11, wherein the analog of 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one is administered in an amount of about 0.2 μ g to about 200g.
13. The method of claim 11, wherein the analog comprises a methyl, acetyl, amino, or hydroxyl group at a position which is unsubstituted in 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one or in place of one or more of the methyl, acetyl, amino, or hydroxyl groups of 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one.
14. The method of claim 11, wherein the animal is a human.
15. A method of treating arthritis in an animal, said method comprising administering to said animal an analog of 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-

one]-2,3-dihydro-4H-1-benzopyran-4-one.

16. The method of claim 15, wherein the analog of 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one is administered in an amount of about 0.2 μ g to about 200g.
17. The method of claim 15, wherein the analog comprises a methyl, acetyl, amino, or hydroxyl group at a position which is unsubstituted in 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one or in place of one or more of the methyl, acetyl, amino, or hydroxyl groups of 5-amino-2,2-dimethyl-6-[3'-(R,S)amino-4'-hydroxy-butan-1-one]-2,3-dihydro-4H-1-benzopyran-4-one.
18. The method of claim 15, wherein the animal is a human.